



Charity Number 284131

**THE BRITISH GEOTECHNICAL ASSOCIATION**

Annual Report and Financial Statements for the year ended 31 December 2022

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THE BRITISH GEOTECHNICAL ASSOCIATION



Trustees' Annual Report for the year ended 31 December 2022

LEGAL AND ADMINISTRATIVE INFORMATION

The British Geotechnical Society was formed in 1949 as an unincorporated association. It became a registered charity by statutes adopted December 1981 as amended in January 1997. It became the British Geotechnical Association by statutes adopted in June 2000 and amended in June 2005, June 2011 and June 2017. The charity number is 284131.

**The charity trustees who served during the year were:**

Prof D Toll, Chair	Co-opted
Dr Andrew Ridley, Vice Chair	Prof K Higgins, Immediate Past Chair - ex officio
Mr E Linde-Arias (IMMM) (to 22 June 2022)	Dr J Lawrence (Rankine Lecture) (to 22 June 2022)
Dr Yu Sheng Hsu (to 22 June 2022)	Ms Emily Riley (ECG)
Ms T Chalmers (to 22 June 2022)	Mr Gary Evans (ECG)
Ms C Doulala-Rigby	Ms U Lawrence (EGGS) (to 22 June 2022)
Mr C Barker	Mr J Davis (EGGS) (from 22 June 2022)
Ms S Markvukaj	Mr S Solera (Cooling and Rankine Fund Advisor) (to 22 June 2022)
Mr D Daskalopoulos	Dr Truong Le (Rankine Lecture) (from 22 June 2022)
Dr G Katsigiannis	Mr P Reading (Technicians) (to 22 June 2022)
Eur Ing S Thomas	Guests
Dr K Briggs (from 22 June 2022)	Dr J Lawrence (ISRM) (from 22 June 2022)
Dr K Tsiampousi (from 22 June 2022)	Mr E Linde-Arias (IMMM) (from 22 June 2022)
Prof G Viggiani (from 22 June 2022)	Mr P Perry (BTS)
	Mr T Bowerman (Ground Forum) (to 22 June 2022)
	Eur Ing N Smith (UK RoGEP, ISSMGE)
	Ms Patricia Guerra-Escobar (IGS) (to December 2022)
	Mr Graham Taylor (BSI) (to 22 June 2022)

**The method of appointment or election of trustees and the name of any body or person entitled to nominate or appoint one or more trustees is as follows:**

The Trustees of the British Geotechnical Association are the members of its committee.

The committee comprises:

- Chairman
- Vice-Chairman
- 2 Representatives of the Institution of Civil Engineers
- 9 Elected Members
  - 1 Representative of the Geological Society of London (Geol Soc)
  - 1 Representative of the Institute of Materials, Minerals and Mining (IMMM)
  - 1 Representative of the British Tunnelling Society (BTS)
  - 1 Representative of the International Society for Rock Mechanics (ISRM)
- Co-opted members

The Chairman and Vice Chairman of the Association shall be elected by members of the committee.

Only members of the Association shall be members of the Committee. This requirement may be waived if the Committee agrees.

The members to be elected by ballot shall be nominated by not less than three members of the Association.

Honorary Officers shall not be entitled to vote at Committee Meetings.

Details of Membership classes are under Association Organisation.

THE BRITISH GEOTECHNICAL ASSOCIATION



Trustees' Annual Report for the year ended 31 December 2022

**LEGAL AND ADMINISTRATIVE INFORMATION**

The principal office of the charity is:

One Great George Street  
Westminster  
London SW1P 3AA

Names and addresses of other relevant organisations:

**Bankers**

CAF BANK Limited  
PO Box 289  
West Malling  
Kent ME19 4TA

**Solicitors**

Solicitors are appointed from time to time as the need arises.

**Independent examiner**

Jonathan Healey FCA  
Lindeyer Francis Ferguson Ltd  
Chartered Accountants  
North House  
198 High Street  
Tonbridge, Kent  
TN9 1BE

**Investment Advisers**

Coutts & Co  
440 Strand  
London WC2R 0QS

## OBJECTIVES, POLICIES AND ORGANISATION

### Investment Policy

Management of investments is delegated by the Committee to Coutts & Co. The fund is managed with an emphasis on long term capital growth (eight years or longer) and a moderate to high approach to risk.

### Reserves Policy

The trustees consider it prudent to keep unrestricted reserves at levels which ensure that there are sufficient funds to meet the needs of current and future activities. The activities of the Association are largely regular and predictable in the medium to long term. Reserves can therefore be relied on to act as contingency in the event of income flows being disrupted. Reserves have decreased this year due to the removal of Covid restrictions. In March 2023 the Association is organising the Geo-Resilience 2023 conference and should incur costs which should further reduce the reserves. Our unrestricted free reserves amounted to £543,756 (2021 - £593,651).

### Charity objectives

The objects of the Association are the advancement of public education in the subjects of soil and rock mechanics and engineering geology and in their application to engineering.

### Summary of policies adopted to further the objects of the Association

- a) To hold regular meetings for discussion of subjects lying within the above fields.
- b) To arrange for the holding of periodical and regional conferences, symposia and seminars.
- c) To co-operate in the activities of International Societies of which the British Geotechnical Association is a member and with such bodies as may be appropriate.
- d) Generally promote training courses and seminars in the field of geotechnology.
- e) To do lawful things as shall further the above objects.

There are no changes in the Association's objects from the previous year.

### Association Organisation - Committee

The affairs of the Association are managed by the Committee.

### Membership

Individual membership shall be open to those professionally engaged or otherwise actively interested in work lying within the scope of the Association, upon payment of the appropriate entrance fee and annual subscription.

Corporate membership shall be open to all organisations, or parts of organisations, engaged or otherwise actively interested in any aspect of geotechnical engineering.

Subscriptions may only be modified with the approval of the Annual General Meeting or a Special General Meeting.

**THE BRITISH GEOTECHNICAL ASSOCIATION**

**Trustees' Annual Report for the year ended 31 December 2022**



**OBJECTIVES, POLICIES AND ORGANISATION**

**Sponsorship**

The following three bodies shall be associated in the sponsorship of the Association.

- a) The Institution of Civil Engineers
- b) The Institute of Materials, Minerals and Mining
- c) The Geological Society of London

## REVIEW OF DEVELOPMENTS AND ACHIEVEMENTS DURING THE YEAR

### 1 COMMITTEE STRUCTURE AND ACTIVITIES

Professor David Toll continued in the role of Chair of the Association and Dr Andrew Ridley continued as Vice-Chair. Both took on their respective roles in June 2021 for a 2-year term. Professor Kelvin Higgins remained on the Executive Committee as Immediate Past Chair.

The Honorary Officers continued in their role, namely:

- Yvonne Ainsworth, Honorary Treasurer
- Nick Armstrong, Honorary Secretary
- Martin Preene, Honorary Communications Officer.

These roles are key to the continuity and smooth running of the BGA. They ensure that the Association fulfils its obligations and that the statutes are complied with. Our thanks are due to Yvonne, Nick and Martin for their hard work and dedication to the affairs of the Association.

For the Executive Committee, the terms of office for the following elected members came to an end:

- Tarryn Chalmers
- Yu Sheng Hsu
- Emilio Linde-Arias

Tarryn, Yu Sheng and Emilio were very active members of the committee. We would like to thank them for their service and all the work they did.

Kevin Briggs, Katerina Tsiampousi, Giulia Viggiani were elected to the Committee by the membership and started their terms of office in June 2022.

The Executive Committee is divided into a number of sub-committees and the following individuals have particular responsibilities:

- Truong Le took on the role of guest member of the committee with responsibility for organising the Rankine lecture and associated events.
- Chris Barker continued co-ordinating judging for prizes and awards.
- Yuli Doulala-Rigby took responsibility for organising the evening meetings.
- Stephanie Markvukaj led the group organising events for Young Professionals which included the Cooling Prize. Sergio Solera continued as a guest member of the Committee to support the Cooling Prize activities.
- Emily Riley and Gary Evans represented the Early Career Group (ECG).
- Stephen Thomas took on the task of developing programmes for Geo-technologists.

Kevin Briggs took on the role of liaising with Regional Groups.

- Tony Bowerman continued as the BGA's representative on the Ground Forum.
- Yuli Doulala-Rigby continued as the BGA's representative on the Ground Engineering editorial panel.
- Yvonne Ainsworth continued to administer the BGA Fund awards.
- A group which included Andrew Ridley, Dimitrios Daskalopoulos, David Toll, Yuli Doulala-Rigby and Giulia Viggiani took responsibility for organising the Annual Conference.
- Kelvin Higgins continued as the BGA's representative on the ICE's Structures and Geotechnical Community Advisory Board.
- Neil Smith continued as ISSMGE liaison and James Lawrence as ISRM liaison.

### 2 MEETINGS

In 2022 we were able to move back to in-person events, but all were organised as hybrid events allowing on-line attendance. The Annual Conference was organised in its normal slot in June, even though it was affected by a rail strike. The 60th Rankine Lecture finally took place in March 2022, having been postponed a number of times from the anticipated date in March 2020 because of the pandemic.

## REVIEW OF DEVELOPMENTS AND ACHIEVEMENTS DURING THE YEAR

### 2 MEETINGS (continued)

The BGA hosted a total of 12 events during 2022 including the Rankine Lecture, John Mitchell Lecture, the Fleming Award, the Cooling Prize, the Geotechnical Engineering Proceedings Lecture, the Annual Conference and 6 evening meetings. We were able to hold in-person events (with hybrid options for on-line attendance) for the majority of evening meetings, the Rankine Lecture, Geotechnical Engineering Proceedings Lecture, the Fleming Award and the Annual Conference. The BGA also supported the successful 11th International Symposium on Field Monitoring in Geomechanics (ISFMG) that was held at Imperial College London 4-7 September 2022.

The 2022 John Mitchell Lecture was delivered by Dr Martin Preene on 'Thinking Conceptually about Groundwater Problems'. It was held online with over 700 attendees.

The 60th Rankine Lecture was delivered by Professor Stephan Jefferis of Environmental Geotechnics Limited on "The Unusual and the Unexpected in Geotechnical Engineering: Observation – Analogy – Experiment". It was held as an in-person event with a live webcast. The Lecture and the Rankine Dinner were held at Imperial College London on 16 March 2022.

In March 2022 the 53rd Cooling Prize Competition was hosted by the Scottish Ground Engineering Group as an on-line event. The winner was Stan Jun Qi of Imperial College/Atkins on "Numerical Evaluation of Empirical Estimates of Seepage through Contiguous Piled Walls". While the judging was underway, Professor Simon Wheeler of the University of Glasgow gave a Keynote Lecture on "Capillary Barrier Systems for Prevention of Rainfall-induced Slope Instabilities: Development of a Simplified Method of Analysis".

The Geotechnical Engineering Proceedings Lecture "Understanding Rainfall-induced Slope Failures through Unsaturated Soil Mechanics" was presented by Professor Harianto Rahardjo of Nanyang Technological University, Singapore in November 2022. It was a hybrid event with almost 100 people attending in person and over 400 people on-line.

The Fleming Award was held in December 2022 and it was won by BAE Systems, Atkins, Bachy Soletanche and Morgan Sindall. While the judging was underway, Sergio Solera of Mott MacDonald gave a Keynote Lecture on the design and construction of new tidal barrier and quay walls at the Port of Boston, UK.

- A joint meeting of the BGA and the Engineering Group of the Geological Society (EGGS) was held online. The talk on "The Engineering Geology of the Thames Tideway Tunnel and its Effects on Construction Performance" was presented by Tim Newman of Jacobs
- A hybrid evening meeting on "The State of Working Platforms" was presented by Jim De Waele of Keller and David Corke of David Corke Consulting
- A hybrid BGA Evening Meeting on "A Lawyer's Perspective on Geotechnical Analysis: Key Contractual Provisions and Legal Pitfalls" was presented by Robin Wood of CMS Cameron McKenna Nabarro Olswang LLP
- A hybrid BGA Evening Meeting on "Rock Engineering Design in Challenging Rock Mass Environments" was presented by Dr Harry Saroglou, Geotechnical Adviser of Eiffage Kier Ferroviaire BAM JV
- A hybrid Evening Meeting on "Artificial Ground Freezing - A Reliable Technology Under Tough Ground Conditions: History – Technology – Application", was presented by Christian Perl of Züblin Ground Engineering
- The BGA/IGS (UK) Invitational Lecture "Geosynthetics for Environmental Resiliency" was presented by Pietro Rimoldi, civil engineering consultant and IGS Italy Council Member.

The ECG (Early Career Group) were extremely active, holding networking/career events in Bristol, Coventry, Nottingham and London as well as a Christmas Social. They also held their flagship event on "Preparing for ICE Chartered Professional Review". They organised a 6 part CPD Event on "Desk Study to Design" held at various locations in SE England. They hosted a workshop to promote awareness and skills to thrive in a neurodiverse workplace, a BTSYM-BGA ECG Workshop : Ground Movement Assessments Using XDisp/PDisp and a BGA ECG / NAFEMS COGAN technical webinar: Strength reduction technique for slopes with finite element methods

### 3 PRIZES

During 2022 the following prizes were awarded:

- The BGA Medal: T Yao, B Baudet & S Lourenço for the paper "Evolution of surface roughness of single sand grains with normal loading" *Geotechnique* 72, No. 6, 543–555.
- The Cooling Prize: Stan Jun Qi of Imperial College/Atkins
- The Fleming Award: BAE Systems, Atkins, Bachy Soletanche and Morgan Sindall
- The John Mitchell Award Lecture: Dr Martin Preene, Richter Associates
- The BGA Masters' Dissertation Prize: Ana Pirrone, Imperial College London: Geotechnical data integration in the calibration of constitutive models using machine learning and metaheuristics

## REVIEW OF DEVELOPMENTS AND ACHIEVEMENTS DURING THE YEAR

### 4 COMMENTS

In 2022 we were able to start moving past the difficulties of the pandemic and hosted most of our events in-person, with hybrid options for attending on-line. It was a great pleasure to be able to hold the 60th Rankine Lecture in March 2022, having postponed it a number of times from its planned date of March 2020. We had good attendance for some in-person events such as the Rankine Lecture, Annual Conference and the Geotechnical Engineering Proceedings Lecture. However, we have noted low in-person attendance for some evening meetings, although on-line attendance has been very high, with over 700 people watching the John Mitchell lecture on-line, for example. We will continue to monitor attendance and plan future events to suit the needs of BGA members.

Considerable planning for the 3rd BGA biennial conference, Geo-Resilience 2023, in Cardiff, scheduled for March 2023, was carried out in 2022. A important focus of the conference preparation was encouraging the younger members of the profession (early career professionals and students) to attend, by offering free student places and a significantly reduced registration rate for early career professionals.

The BGA supported the highly succesful 11th International Symposium on Field Monitoring in Geomechanics, organised under the auspices of ISSMGE TC220 Field Monitoring in Geomechanics, and held in London in September 2022. The event brought together people from across the geotechnical monitoring sector to promote better understanding, interpretation and presentation of field measurements.

At the end of 2022 we had around 977 individual members and 47 corporate members. We recognise the importance of attracting new, younger members to the BGA and will continue our efforts to engage, encourage and support the younger members of our profession.

David Toll



## THE BRITISH GEOTECHNICAL ASSOCIATION



### Trustees' Annual Report for the year ended 31 December 2022

#### **Importance of the efforts of unpaid volunteers and provision of free facilities and services**

The success of the Association continues to depend entirely on the work of very many people, those who have served on its committees and working groups, those who have spoken and taken part in its meetings, and those who have helped in many other ways. The British Geotechnical Association would like to take this opportunity to register its appreciation of the efforts of all those who so willingly helped during the year.

#### **Review of the transactions and financial position of the charity**

##### **Unrestricted Funds**

Membership subscriptions include subscriptions to the publication *Ground Engineering*. The Committee considers the reserves to be adequate to meet its on-going activities. Surplus funds are placed on short term deposit.

A deficit of £12,949 income over expenditure for the year has decreased the unrestricted fund, which amounts to £313,851 at the year end. This compares to a surplus in the unrestricted fund of £51,136 in 2021.

##### **Designated Funds - Rankine Fund**

The fund balance at the year-end amounts to £223,504 after an investment loss of £30,275 compared to a gain of £30,567 in 2021 and an excess of expenditure over income of £31,810, compared to an excess of income over expenditure of £31,949 in 2021.

Investment income is used to fund the Rankine Lecture.

##### **Designated Funds - The BGA Fund**

The fund balance at the year-end amounts to £6,401 after awarding bursaries to seven recipients, totalling £5,162 and interest received of £26, compared to £1 received in 2021.

The BGA Fund is intended to aid students and early career professionals in geotechnics and allied subjects (normally under 35 years of age) in their training, development and experience (including funding of teaching, research and travel, e.g. conference attendance, exchanges with young graduates in other countries). It is also for raising the understanding and the appreciation of geotechnics by the public, particularly pupils at schools and colleges (to further the interest in geotechnics as a career) and other technical/scientific professionals (to encourage the employment of experts in geotechnics on projects wherever appropriate).

##### **Degree of Financial Dependency**

As discussed above the Association is dependent on the voluntary efforts of its members.

##### **Risk Assessment**

A risk assessment with respect to the finances of the BGA has been carried out by the Financial and General Purposes sub-committee. A register of risks has been established which is reviewed at least annually. Where appropriate, measures have been identified to mitigate the risks the charity faces.

##### **Organisational Context**

The Association's role is the advancement of public education in the subjects of soil and rock mechanics and engineering geology and in their application to engineering, which is not something that can exist in isolation and there are many important links with other engineering disciplines and sciences. Although totally separate from other organisations, the Association seeks to co-operate in areas of common ground with other bodies.

The Annual Report on pages 2 to 9 was approved by the Committee on 13th June 2023 and was signed on its behalf by:

A handwritten signature in black ink, appearing to read 'David Toll', written over a faint circular stamp or watermark.

David Toll - Chair of the Committee

**Independent Examiner's Report to the Trustees of the British Geotechnical Association**

I report to the Trustees on my examination of the accounts of the charity for the year ended 31 December 2022, which are set out on pages 11 to 17.

**Respective responsibilities of trustees and examiner**

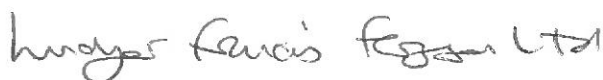
As the charity trustees of the Association, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the Act'). I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable Directions given by the Charity.

**Independent Examiner's statement**

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Trust as required by section 130 of the Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached



Jonathan Healey FCA  
Lindeyer Francis Ferguson Ltd  
Chartered Accountants  
North House  
198 High Street  
Tonbridge, Kent  
TN9 1BE



**THE BRITISH GEOTECHNICAL ASSOCIATION  
STATEMENT OF FINANCIAL ACTIVITIES  
(INCLUDING INCOME AND EXPENDITURE ACCOUNT)  
FOR THE YEAR ENDED 31 DECEMBER 2022**



	Notes	Unrestricted £	Designated £	2022 Total £	2021 Total £
<b>Income from:</b>					
Charitable activities	3	117,281	-	117,281	112,708
Other trading activities	4	59,134	-	59,134	86,154
Investment Income	5	3,713	4,899	8,612	7,809
<b>Total Incoming</b>		<u>180,128</u>	<u>4,899</u>	<u>185,027</u>	<u>206,671</u>
<b>Expenditure on:</b>					
Raising funds	6	46,650	6,408	53,058	52,115
Charitable activities	7	126,243	5,162	131,405	124,061
<b>Total expenditure</b>		<u>172,893</u>	<u>11,570</u>	<u>184,463</u>	<u>176,176</u>
<b>Net (losses)/gains on investments</b>	8				
Realised		(2,654)	(3,982)	(6,636)	8,837
Unrealised		(17,530)	(26,293)	(43,823)	42,108
		<u>(20,184)</u>	<u>(30,275)</u>	<u>(50,459)</u>	<u>50,945</u>
<b>Net income and net movement in funds</b>		<u>(12,949)</u>	<u>(36,946)</u>	<u>(49,895)</u>	<u>81,440</u>
<b>Reconciliation of funds</b>					
Total funds brought forward		326,800	266,851	593,651	512,211
Total funds carried forward		<u>313,851</u>	<u>229,905</u>	<u>543,756</u>	<u>593,651</u>

The statement of financial activity includes all gains and losses in the period.

All income and expenditure derives from continuing activities.

THE BRITISH GEOTECHNICAL ASSOCIATION  
BALANCE SHEET AT 31 DECEMBER 2022



	Notes	2022	2021
		£	£
<b>FIXED ASSETS</b>			
Market value of investments	8	435,099	480,041
<b>CURRENT ASSETS</b>			
Cash at bank		180,972	116,210
Cash on short term deposit		34,971	107,758
Debtors	9	27,281	27,705
		<hr/>	<hr/>
		243,224	251,672
<b>CURRENT LIABILITIES</b>			
Creditors	10	134,567	138,063
		<hr/>	<hr/>
<b>NET CURRENT ASSETS</b>		108,657	113,609
		<hr/>	<hr/>
<b>TOTAL ASSETS</b>	11	543,756	593,651
<b>Financed by:</b>			
<b>ACCUMULATED FUNDS</b>			
Unrestricted	11	313,851	326,800
Designated Funds	12	229,905	266,851
		<hr/>	<hr/>
		543,756	593,651
		<hr/>	<hr/>

The notes on page 13 to 17 form part of these financial statements.

Approved by the committee on 13th June 2023 and signed on its behalf by:

David Toll  
Chair

Yvonne Ainsworth  
Honorary Treasurer



## THE BRITISH GEOTECHNICAL ASSOCIATION

### Notes to the financial statements for the year ended 31 December 2022

#### 1 Responsibilities of the Committee

The Committee is responsible for maintaining proper accounting records which disclose with reasonable accuracy at any time the financial position of the Association and for taking reasonable steps for the prevention and detection of fraud and other irregularities.

In preparing the financial statements the Committee are required to :

- a) select suitable accounting policies and then apply them consistently
- b) make judgements and estimates that are reasonable and prudent
- c) prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Association will continue to operate.

#### 2 Accounting Policies

The financial statements have been prepared in accordance with the Financial Reporting Standard 102 (effective January 2019) (FRS 102), the Companies Act 2006 and the requirements of the Statement of Recommended Practice (SORP) applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2019) (Charities SORP FRS 102).

The British Geotechnical Association meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy note(s).

There are no material uncertainties about the charity's ability to continue, and so the going concern basis of accounting has been adopted.

#### Income

All subscriptions and investment income is accounted for when received, except in the case of subscriptions which are specifically stated to be in respect of an ensuing accounting period. No credit is taken for subscriptions unpaid at the balance sheet date.

Donation income is accounted for when the Association has entitlement to the income, the income is probable and can be measured reliably.

#### Expenditure

Expenditure is recognised when there is a legal or constructive obligation to transfer resources to a third party, settlement is probable and the amount can be measured reliably. Expenditure is included within the Statement of Financial Activities on an accruals basis.

#### Fund Accounting

Unrestricted funds can be used in accordance with the charitable objectives of the Society, at the discretion of the Trustees. Restricted funds can only be used for the particular restricted purposes within the objectives of the Society.

The association has the following designated funds:

##### **Rankine Fund**

The Rankine Fund has been consolidated into the British Geotechnical Association accounts.

##### **BGA Fund**

The BGA Fund has been consolidated into the British Geotechnical Association accounts.

#### Investments

Investments are shown at market value. Unrealised gains are incorporated within the fund balances to which the investments relate and are identified as unrealised. Cash held as part of the investments portfolio is included in investments.

#### Taxation

The charity is exempt from taxation on its charitable activities.

THE BRITISH GEOTECHNICAL ASSOCIATION



Notes to the financial statements for the year ended 31 December 2022

3. Charitable activities	2022		2021	
	£	£	£	£
<i>Members subscriptions</i>				
United Kingdom	99,895		95,247	
Europe	6,134		6,938	
Africa	469		465	
Asia	4,451		4,083	
Australasia	3,799		3,705	
North America	1,950		1,800	
South America	583		470	
		117,281		112,708
<hr/>				
4. Other trading activities	General	Rankine Fund (Designated)	BGA Fund (Designated)	Total
	£	£	£	£
Rankine Dinner	31,060	-	-	31,060
Annual Conference	20,890	-	-	20,890
Early Career Group	3,835	-	-	3,835
Other Function Income	2,580	-	-	2,580
Book sales and royalties	769	-	-	769
	59,134	-	-	59,134
<hr/>				
5. Investment Income	General	Rankine Fund (Designated)	BGA Fund (Designated)	Total
	£	£	£	£
Investment Income	3,713	4,873	26	8,612
<hr/>				
6. Raising funds	General	Rankine Fund (Designated)	BGA Fund (Designated)	Total
	£	£	£	£
Rankine Dinner/Lecture	27,592	4,845	-	32,437
Annual Conference	8,780	-	-	8,780
Early Career Group	4,675	-	-	4,675
Young Geotechnical Engineers' Conference	1,872	-	-	1,872
Special Events	2,689	-	-	2,689
Investment Management Fee	1,042	1,563	-	2,605
	46,650	6,408	-	53,058
<hr/>				



THE BRITISH GEOTECHNICAL ASSOCIATION

Notes to the financial statements for the year ended 31 December 2022

<b>7. Charitable activities</b>	<b>2022</b>	<b>2021</b>
	<b>£</b>	<b>£</b>
Subscriptions to other bodies	15,824	16,083
Awards & prizes	6,432	3,287
Administration	14,062	14,794
Honoraria	11,700	11,700
Website	2,475	410
Postage	35	54
Printing, stationery and photocopying	1,164	4,043
Meeting expenses	580	969
Publication - Ground Engineering	73,474	70,200
Other expenses	2,501	-
Reviewer Fee	1,146	1,134
Cost of trustees meeting	759	183
Community support activities	1,108	1,108
Bank charges	145	96
	<u>131,405</u>	<u>124,061</u>
<b>8. Investments - Rankine fund</b>	<b>2022</b>	<b>2021</b>
	<b>£</b>	<b>£</b>
Market value at 1 January 2022	461,618	418,156
Disposals at market value	(323,357)	(226,372)
Acquisitions at cost	335,122	218,889
Net loss on revaluation	(50,459)	50,945
	<u>422,924</u>	<u>461,618</u>
Listed investments at market value at 31 December 2022	422,924	461,618
Cash on deposit awaiting investment	12,175	18,423
	<u>435,099</u>	<u>480,041</u>
<b>9. Debtors</b>	<b>2022</b>	<b>2021</b>
	<b>£</b>	<b>£</b>
Other Debtors (including Prepayments)	20,586	8,449
Amount due from ICE	6,695	19,256
	<u>27,281</u>	<u>27,705</u>



THE BRITISH GEOTECHNICAL ASSOCIATION

Notes to the financial statements for the year ended 31 December 2022

10. Creditors	2022 £	2021 £
Creditors and accruals	113,195	76,477
Subscriptions and other receipts in advance	21,372	61,586
	<u>134,567</u>	<u>138,063</u>

Funds held on behalf of FMGM amount to £5,143 at year end.

11. Analysis of net assets between funds	Unrestricted Funds £	Designated Funds £	Total Funds £
<b>Fund balances at 31 December 2022 represented by:</b>			
Investments	174,037	261,062	435,099
Current assets	236,823	6,401	243,224
Current liabilities falling due within one year	(134,567)	-	(134,567)
Transfer between funds	37,558	(37,558)	-
	<u>313,851</u>	<u>229,905</u>	<u>543,756</u>

**Fund balances at 31 December 2021 represented by:**

Investments	192,016	288,026	480,042
Current assets	240,135	11,537	251,672
Current liabilities falling due within one year	(138,063)	-	(138,063)
Transfer between funds	32,712	(32,712)	-
	<u>326,800</u>	<u>266,851</u>	<u>593,651</u>

12. Designated fund analysis	Rankine Fund £	BGA Fund £	Total £
Balance brought forward at 1 January 2022	255,314	11,537	266,851
Dividends and interest received	4,873	26	4,899
Designated expenditure	(4,845)	(5,162)	(10,007)
Investment Management fees	(1,563)	-	(1,563)
Loss on investment assets	(30,275)	-	(30,275)
Fund balances carried forward at 31 December 2022	<u>223,504</u>	<u>6,401</u>	<u>229,905</u>





## THE BRITISH GEOTECHNICAL ASSOCIATION

### Notes to the financial statements for the year ended 31 December 2022

#### 13. Trustee expenses

Expenses reimbursed to 5 Trustees, relating to Trustee meeting, Cooling Prize, Rankine Lecture and YGEC and ECG events.

	2022	2021
	£	£
	4,164	572
	<u>5</u>	<u>4</u>
Number of Trustees	<u>5</u>	<u>4</u>

#### 14. Honorary Officers

During the year, the Association's Honorary Officers received honoraria amounting to the following:

	2022	2021
	£	£
Nick Armstrong - Honorary Secretary	6,000	6,000
Yvonne Ainsworth - Honorary Treasurer	3,600	3,600
Martin Preene - Honorary Publicity Officer	2,100	2,100
	<u>11,700</u>	<u>11,700</u>

#### 15. Staff

The Association does not employ staff directly.